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MATCH PLANK AND COMMERCIAL LUMBER FROM WESTERN WHITE PINE LOGS

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Out of the 356 million feet of western (Idaho) white pine produced in 1934 in the Inland Empire a total of 101 million feet was match plank. This constituted 28 percent of the total cut and was approximately the same as the 1933 match plank production when 98 million feet were produced. If the production for these two years is indicative of the normal requirements, the importance of perpetuating this source of raw material for the match industry is apparent.

The question is often asked: What commercial lumber grades are contained in the average run of match plank? The attached tabulation answers this question for a small run of match plank produced from logs cut on the Little North Fork of the Coeur d'Alene River in Idaho. The data are not considered as indicative of regional averages but may be used as a guide.

Caption three of the table shows that 140,122 feet of match plank contained six percent select and 94 percent common lumber. Of the latter grades, 80 percent was two and three common. In arriving at these commercial grades, the inspector ascertained the green grade of both sides of 8/4 and 10/4 plank which were sawed "full" to permit resawing 8/4 plank to two 4/4 boards and 10/4 plank to one 4/4 and one 6/4 board.

Plank of 8/4 and 10/4 thickness rejected (match plank rejects) for sale or use as match plank are usually resawed

and sold on the commercial lumber market. Caption four shows that this class of plank contained three percent selects and 97 percent common. Of the latter grades, 64 percent was three and four common.

Match plank rejects and incidental commercial lumber resulting when logs are cut for match plank as a major product forms the basis for percentages shown under caption five. Therefore, these figures may be used as an indication of the commercial lumber grades obtained by the operator who saws primarily for match plank.

It is apparent from this study that clear lumber is not necessary for match production, as the match plank in this study contained only six percent select of which two-thirds was D select.

MATCH PLANK AND COMMERCIAL LUMBER FROM WESTERN WHITE PINE [1]

Match Plank		Lumber Grades [2]											
		Select					Common						
10/4	8/4	Supreme (B &Btr.)	Choice (C)	Quality (D)	Shorts	All	Colonial (No. 1)	Sterling (No. 2)	Standard (No. 3)	Utility (No. 4)	Industrial (No. 5)	Shorts	All
%	%	%	%	%	%	%	%	%	%	%	%	%	%
1. Match plank and grades of commercial lumber contained in 130,485 feet of logs, net scale.													
23.82	56.45	.030	1.098	1.941	-	3.069	.266	5.125	6.322	4.056	.892	-	16.661
2. Commercial lumber by grades contained in 104,490 feet of logs.													
-	-	.101	2.958	4.945	.043	8.047	4.684	42.113	33.287	10.490	1.375	.004	91.953
3. Commercial lumber by grades contained in 140,122 feet of match plank.													
-	-	.071	1.858	4.060	-	5.989	5.759	47.879	32.461	7.341	.570	.001	94.011
4. Commercial lumber by grades contained in 8,679 feet of match plank rejects.													
-	-	-	.369	2.212	-	2.581	.737	31.225	43.035	20.509	1.913	-	97.419
5. Commercial lumber by grades contained in 8,679 feet of match plank and 22,864 feet of incidental commercial lumber that resulted when logs were cut for match plank as a major product.													
-	-	.152	5.570	9.825	-	15.547	1.414	25.942	32.026	20.550	4.521	-	84.453

1/ Trade name Idaho white pine.
2/ Based on green chain tally.